

Shubham Gotra

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Github: github.com/ShubhamGotra?tab=repositories



With an experience of 24 months in the field of Quality Engineer in manufacturing sector. Now, I aim to grow with a data-driven organization where I can leverage my analytical skills, productively deploy my passion for cutting-edge technology, and deep dive into data for the implementation of constructive business solutions.

Education

Great Lakes Institute of Management

Gurgaon

PGP-Data Science Engineering : PERCENTAGE 76.2%

Jul 2019- Dec 2019

Meerut Institute of Engineering and Technology

Meerut

Graduation- B.Tech (Mechanical Engineering) : PERCENTAGE 74.4%

Jul 2013- Jun 2017

Skills

Key Skills Machine Learning (Supervised and Unsupervised), Statistics, EDA (Exploratory Data Analysis)

Tools Python, Tableau, SQL, MS office, Advanced Excel

Behavioral Teamwork, Critical Thinking, Resource Management

Work Experience

Digital Tesseract

Worked Remotely

Data Science Intern

Apr 2020-Jun 2020

- Fetching out the insights from given dataset and taking inferences from it
- Building the machine learning model
- Using insights as a reference for explaining the details to the clients

Badve Engineering Ltd

Rudrapur (Uttarakhand)

Quality Engineer

Apr 2018- Jun 2019

- Maintained Management Information System (MIS) in Quality Department
- Done Root Cause Analysis for generated defects using Cause and Effect Diagram
- Found major defects of in-house rework (IHR) using Pareto Analysis
- Do Why-Why Analysis of defects generated for reducing IHR
- Ensuring the gauging of parts as per Standard Operating Procedures
- Manpower Resource Management- Planning of Quality Inspector Allocation in manufacturing area

Vimsons Electricals Private Limited

Noida (Uttar Pradesh)

Graduate Engineer Trainee

Jul 2017-Mar 2018

- Making designs for the covering of control panels
- Ensuring the manufacturing process of control panel covers as per the design procedures
- Coordinating with the Quality Inspectors about defect identification
- Maintaining the MIS in Quality Department

Academic Projects

Analysis of a Telemarketing Campaign for Term Deposit Subscription in a bank

- Recommendations taken from bank clients for a term deposit subscription
- Data analysis done to understand the data combined with model implementation
- It helps in focusing the customers that have high probability of the subscription for term deposit in a bank

Key skills: Python, Exploratory Data Analysis, Data Visualization, Machine Learning

Prediction of the Price for an Old Car

- There is a slowdown in new car sales and that could mean that demand is shifting towards the pre-owned market
- The goal is to predict the Price for an Old car based on the variables provided in the data set
- It helps in preventing the slowdown in new car sales

Key skills: Data Cleaning, Python, Data Visualization, Linear Regression, Machine Learning

Home Loan Prediction

- Housing Finance Company dealing with home loans wants to automate the loan eligibility process (real time) based on the customer details provided while filing online application form
- It helps in the automation of the process and identify the customers segments, those are eligible for loan amount so that they can specifically target these customers

Key skills: Decision Trees, Logistic Regression, Random Forest

Certifications

AutoCAD and SolidWorks Certified

Extracurricular Activities

- Volunteered as Coordinator in the Technical Fest during graduation attended by 500 students
- Attended workshops and seminars conducted by Indian Society of Heating Refrigeration and Air Conditioning Engineers (ISHRAE)